

CORRES. CONTROL
OUTGOING LTR NO.

93 RF 7553

EG&G ROCKY FLATS

EG&G ROCKY FLATS, INC.

ROCKY FLATS PLANT, P.O. BOX 464, GOLDEN, COLORADO 80402-0464 • (303) 966-7000

June 22, 1993

93-RF-7553

Richard J. Schassburger
Acting Director
Environmental Restoration Division
DOE, RFO

Attn: S. R. Grace

ADDITIONAL TRENCHES IN OPERABLE UNIT NO. 2 (OU 2) - WSB-287-93

Ref: J. K. Hartman ltr (05524) to R. Benedetti, Operable Unit 2 RFI/RI Report Update,
May 11, 1993

In response to the above-referenced letter, additional information was obtained during investigations for the Historical Release Report (HHR) showing an additional trench in the Operable Unit (OU) 2 area located primarily beneath the present East Access Road. Further investigation has ascertained that this trench is a western continuation of the series of trenches comprising IHSS 111.6 (see attached). The HHR states that trenches T-4 through T-11 (IHSS 111.1 through 111.8) were active sometime between 1954 and 1968; the actual dates per trench are unknown. However, the extension, now named T-12, must predate completion of the main east access road in 1965 since it is 80 percent covered by this road.

The HHR states that all of these trenches are thought to be about ten feet deep and primarily contains sewage sludge. This sewage sludge is believed to contain some uranium and plutonium contamination. Flattened drums may also be present in any of these trenches. At least 2,400 gallons of water and lathe coolant was disposed of in one of the trenches (unknown). This may or may not have been in drums.

At the June 14, 1993 meeting with EPA, CDH, DOE/RFO, and EG&G, it was agreed that this trench extension (T-12) was characterized by the boreholes already drilled through the previously known section of trench. No further action will be necessary to characterize the extension.

During the investigation into the above trench extension, an additional trench (T-13) was located approximately 500 feet east northeast of the inner east guard station and south of IHSS 111.8 (see attached). Aerial photographs indicate that it was open between 1966 and 1967. It is now entirely covered by asphalt or base material as part of the northern extension of the east access road which was built in 1968. Total length of the trench is approximately 250 feet. The aerial photos indicate that it was filled with dark grey material which may be sewage sludge. An EG&G employee was contacted who remembers working on construction of the road. He remembers that this trench may also contain some lab waste.

| DIST. | LTR | ENC |
|--------------------|-----|-----|
| BENEDETTI, R.L. | X | |
| BENJAMIN, A. | | |
| BERMAN, H.S. | | |
| BRANCH, D.B. | | |
| CARNIVAL, G.J. | | |
| COPP, R.D. | | |
| DAVIS, J.G. | | |
| FERRERA, D.W. | | |
| HANNI, B.J. | | |
| HARMAN, L. K. | | |
| HEALY, T.J. | | |
| HEDAHL, T. | | |
| HILBIG, J.G. | | |
| KIRBY, W.A. | | |
| KUESTER, A.W. | | |
| LEE, E.M. | | |
| MANN, H.P. | X | |
| MARX, G.E. | | |
| MCDONALD, M.M. | | |
| McKENNA, F.G. | | |
| MONTROSE, J.K. | | |
| MORGAN, R.V. | | |
| POTTER, G.L. | | |
| PIZZUTO, V.M. | | |
| RILEY, J.H. | | |
| SANDLIN, N.B. | | |
| SHEPLER, R.L. | | |
| STEWART, D.L. | | |
| SULLIVAN, M.T. | | |
| SWANSON, E.R. | | |
| WILKINSON, R.B. | X | |
| WILLIAMS, S. (ORC) | | |
| WILSON, J. M. | | |
| ZANE, J. O. | | |

Primrose ALX
Busby WSX
Dille FAX
Roberts RFX
Grigsby FFX
Dechoss NFX

OU 2 File X

CORRES CONTROL X X

ADMIN RECORD

TRAFFIC

Admin Rec. X

CLASSIFICATION:

| | |
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| UCNI | |
| UNCLASSIFIED | |
| CONFIDENTIAL | |
| SECRET | |

AUTHORIZED CLASSIFIER

SIGNATURE
DOCUMENT CLASSIFICATION
REVIEW NUMBER PER
DATE

IN REPLY TO RFP CC NO:

21 01-RF-93

ACTION ITEM STATUS

☐ OPEN ☒ CLOSED

☐ PARTIAL

LTR APPROVALS:

WSB:ALP:AW

ORIG & TYPIST INITIALS

ALP/dm

ADMIN RECORD

| | |
|------------------------|------------|
| RECEIVED FOR MAIL ROOM | UW |
| BY | 6/1/93 BZW |
| DATE | 7-12-93 |

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This newly located trench was filled at approximately the same time as the trenches described above and is probably very similar to the other trenches in construction and type of materials contained. While it is located in a groundwater contaminant plume, the plume boundary had previously been defined. The EPA, CDH, DOE/RFO and EG&G personnel agreed that this was a manageable risk at the June 14, 1993 meeting. Further characterization of T-13 would probably be required during the Feasibility Study or Remediation process prior to removal.

The Draft Phase II RFI/RI Report currently in preparation will reference that this trench exists, but that it was not sampled since it was reasonable to assume that it was similar to nearby trenches. Since these nearby trenches have been characterized, this newly identified trench constitutes a manageable risk.

Please transmit this information to EPA and CDH. Please contact A. L. Primrose of Remediation Project Management at extension 8618 if there are additional questions.



W. S. Busby
Acting Director
ERM/Remediation Project Management

ALP:dmf

Orig. and 1 cc - R. J. Schassburger

Attachment:
As Stated

cc:
R. Newill - Woodward-Clyde Federal Services
K. Power - "
E. Reilly - "

